AEE/BTP/S.D/34/22-23

P.W.D 7

NO 2nd and Final Bill

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

Reference paras 158 & 170

Division Byatarayanapura, Sub division Byatarayanapura Sub Division Date Indent No. 42310

Bills received No Date Sub-divisional Cash book vr No

Sheduled Docket No Divisional Date

Name of work(as per sanctioned estimate) :- Head of account P 3158

Work Code:005-20-000075

Name of Work: Improvements to Roads And Drains at Palannahalli Chokkanahalli Vinayakanagara Dwarakanagara and Surrounding area in ward No-05 Byatarayanapura Sub Division Package-01

Name of contractor and full address :- Package-01 Includes 4 Works of Rs. 1100.00 Lakhs.

Sri S.Sathish No.218, 2nd Cross, Nagasandra, Basavanagudi, Bangalore-560028.

Reference to agreement No :- BBMP/EE/BPT/AG/224/2019-20 **Estimated cost : Rs.1100.00 Lakhs** Work order No :BBMP/EE/BPT/WO/03/2021-221 Dt 28-05-2021

Certified that the measurments were taken by me on 29/7/22 and recorded on pages 356461 to 356471 of measurment book No 3565/12-18 and the work is satisfactorily executed by the contractor.

Signature of contractor

Asst. Engineer

Certified that the measurments were taken by me on 29/07/2022 and recorded correct.The work is satisfactorily executed.
Certified that the quantities of materials shown in column 3 of account II have been actualy brought to site of work and the contractor has not previously received any advance on this security. These materials are of any imperishable nature and are all required by the contractor for immidiate use on the work in connection with items for which rates finished work have been agreed upon.A formal agreement signed and executed by the contractor is recorded in divisional office.

Sub-divisional officer

II MEMORANDUM OF PAYMENT

1) Total value of work done or supplies as per A/c within	Total	10,43,19,000 00
2) Deduct amount to be held in reserve being-----percent Rs----------%--------	upto 1st & Past	6,65,59,000 00
3)	2nd & Final	3,77,60,000 00
4) Deduct payments	I.T	3,77,600 00
a) Amount of previous payment as in divisional/sub divisional cash book vr No----------dated----------S.D No----------Amount towards cash advance recovery of	CGST	3,37,143 00
	SGST	3,37,143 00
	CESS	3,77,600 00
b) Cost of payments/stores or other materials supplied now made recovery of	CBF	37,760 00
Amount paid on this bill by cheque/cash	LR	6,97514 00
Total	Fine	1,240 00
5). Balance being unpaid value of work done held in reserve	Deductions	21,66,000 00
6) Deduct cash of advance made on divisional/sub divisional cash book	Net payable	35,594,000 00
7) Net amount due to or from contractor.		
UN ADJUSTED ITEMS		
8) Advance to contractor for materials to site(as detailed within)		
9) Value of government materials supplied.		
TOTAL AMOUNT UN-ADJUSTED		

Previous TTB

Contractor's signatures P3158

Received Rs----------(in words)----------

For use in the Executive Engineer's office----------

of payment as per memorandum

(in final settlement of all demand)

Witness

1)

2)

Reciept Stamp

Dated signature of contractor

paid by me cheque No dated

Cash Rs.

Date Initials of officer making payment

ಅನುಷ್ಠಾನದ ಹೆಸರು: KIDP Infrastructure Project Works

ಕಾಮಗಾರಿ ಮೊತ್ತ ರೂ. 3,77,60,000/- ಗಳನ್ನು ಪಾವತಿ ಮಾಡಿದೆ

ಮುಂಗಡ ಪಡೆದಿದ್ದು ರೂ. 21,66,000/- ಗಳನ್ನು ಹೊರತುಪಡಿಸಿ

ಪಾವತಿಸಬೇಕಾದ ರೂ. 35594000/- ಗಳು

FT/NEFT/RTGS ವಿವರಗಳು ಲಭ್ಯವಿದೆ

Date

ಸಹಾಯಕ ಅಭಿಯಂತರರು ಬೃಹತ್ ಬೆಂಗಳೂರು ಪಾಲಿಕೆ

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Improvements to Roads And Drains at Palannahalli Chokkanahalli Vinayakanagara Dwarakanagara and Surrounding area in ward No-05 Byatarayanapura Sub Division Package-01

Bill Form

Sl No	Description of Work	Unit	As per Modified Schedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
1	KSRRB300-1. Earthwork excavation by manual means for Drains and similar works in ordinar soil excavated surface levelled and sides neatly dressed, the dispossed earth to be levelled neatly after breaking of clods completed as per specifications.	Cum	7441.99	213.9079	1591900.45	4678.52	1000772.38	2763.47	213.9079	591128.06	7441.99	1591900.45
2	Removing & Refixing Stone slabs of drains and pointing in CM (1:3) Complete as per specification and direction of the engineer in-charge of the work.	Sqm	6285.66	112.4130	706589.90	4355.20	489581.10	1930.46	112.4130	217008.80	6285.66	706589.90
3	Removing and resetting of footpath slabs complete as per specification and direction of the engineer in-charge of the work	Sqm	330.30	210.9082	69662.98	44.10	9301.05	286.20	210.9082	60361.93	330.30	69662.98
4	Providing Granite Slabs of selected quality Roughly dressed and fixed in cement mortor (1:6) including fixing curing etc., complete 7.5 cms thick complete as per specification and direction of the engineer in-charge of the work.	Sqm	697.11	749.4200	522428.18	484.11	362801.72	213.00	749.4200	159626.46	697.11	522428.18
5	Plain cement concrete M10 mix with crushed stone aggregates 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing including cost of materials, labour,HOM completed as per specifications	Cum	14.69	4524.3556	66462.78	5.42	24522.01	9.27	4524.3556	41940.78	14.69	66462.78
6	Providing and Constructing granite /trap/basalt size stone masonry in foundation with cement mortor and stone hammered dressed in courses not less than 20Cms high bond stones at 2m apart in each course including cost of materials. Labours HOM, curing complete as per specification and direction of the engineer in-Charge of the work.	Cum	28.17	4920.4776	138609.85	7.29	35870.28	20.88	4920.4776	102739.57	28.17	138609.85

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Assistant Engineer

Asst, Executive Engineer

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7	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69Cum and fine aggregates @ 0.459 Cum machine mixed concrete laid in layers not exceeding 15 cms thick well compacted for coping including cost of all materials labour HOM Curing complete as per specifications and direction of the engineer in-charge of the work	Cum	0.00	5655.9798	0.00	0.00	0.00	0.00	5655.9798	0.00	0.00	0.00
8	Providing and laying in position plain/ Reinforced cement concrete M20 for sub structure/superstructure works, with cement @ 320kgs 20mm & down size graded granite metal course aggregates @ 0.69 Cum and fine aggregates @ 0.46cum Machine mix complete as per specification and direction in charge of the work	Cum	39.71	5330.5174	211674.85	22.34	119083.76	17.37	5330.5174	92591.09	39.71	211674.85
9	KSRRB M2200-6. Providing TMT Bars Fe 500 steel reinforcement for RCC work including Straightening, cutting, bending. hooking, placing in position, lapping and/or welding whereever required, tying with binding wire and anchoring to the adjoining members whereever necessary completed as per design ans specification.	Tonnes	3.17	73050.2500	231569.29	2.04	149022.51	1.13	73050.2500	82546.78	3.17	231569.29
10	Providing and fixing RCC precast cover slab of 250mm thick made out of CC 1:2:4 and jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge.	Sqm	239.13	5472.1800	1308562.40	108.48	593622.09	138.65	5472.1800	714940.32	239.13	1308562.40
11	KSRRB M300-14.Excavation for roadwork in all types of soil by machinical means including cutting and loading to tippers, trimming bottomand sides slopes in accordance with requirments of lines grades and cross sections and transportations withn alead of 1.00km and complete as per specifications. MORTH Specification no.301 and 4kms lead for disposal	Cum	20944.11	54.8531	1148849.36	18878.80	1035560.70	2065.31	54.8531	113288.66	20944.11	1148849.36

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Consultant

Assistant Engineer

Asst. Executive Engineer

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12	KSRRB M400-17. Providing, Laying, Spreading and Compacting cushed stone aggregates of granite/ trap/basalt to wetmix macadam specifications including pre mixing the materials with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base /base coarse on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specification.	Cum	17762.45	2021.2928	35903112.30	16194.86	32734553.92	1567.59	2021.2928	3168558.38	17762.45	35903112.30
13	Providing and applying primer coat with S.S bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. clause 502 of MORTH V revision.	Sqm	72594.02	28.9062	2098417.26	32357.78	935340.46	40236.24	28.9062	1163076.80	72594.02	2098417.26
14	Cleaning the existing black topped surface with Sqm brooms soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM complete as per specifications.clause 502 of MORTH V revision.	Sqm	38695.72	5.3530	207138.19	0.00	0.00	38695.72	5.3530	207138.19	38695.72	207138.19
15	Providing and applying tack coat using 80/100 grade Sqm bitumen(VGIO) in boiler fitted with spray set distributor at the rate of 0.25 kg per Sqm on the existing prepared bituminous surface cleaned with mechanical broom, complete as per specifications. clause 503 of MORTH V revision.	Sqm	112740.25	12.8472	1448396.54	32357.78	415706.87	80382.47	12.8472	1032689.67	112740.25	1448396.54
16	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, lavel and allignment, rolling with smooth wheeled, vibratory and tandom rollers to achieve the desired compaction as per MORTH table 500-10 Complete in all respects compete as per specifications MORTH specification No. 507. using 100/120 TPH capacity HMP with sensor paver Gr-ll (50mm to 75mm) with 4.5 % VG-30 Bitumen.	Cum	3401.10	6663.4144	22662938.72	1616.54	10771675.91	1784.56	6663.4144	11891262.80	3401.10	22662938.72

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Consultant

Assistant Engineer

Asst, Executive Engineer

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17	providing and laying bituminous concrete 40mm thick with hot mix plant, using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4% of modified bituminous binder consisting of 4.97% of VG-30 bitumen(60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic) crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site laying with a paver finisher to required grade level and allignment rooling with smooth wheeled vibratory and tandem rollers to achive the desired compaction in all respects complete as per	Cum	2901.14	7831.4390	22720100.94	1294.31	10136309.81	1606.83	7831.4390	12583791.13	2901.14	22720100.94
18	Road marking with hot applied thermoplastic compound with reflectrising glass beads on bituminous surface / concrete surface : providing and laying of hot applied thermo plastic compound 2.5mm thick including reflectorising glass beads at 250gms per sqm area thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35 standards specified.complete as per specifications.	Sqm	4587.47	459.2874	2106967.17	1338.33	614678.11	3249.14	459.2874	1492289.06	4587.47	2106967.17
	Total				**93143381.16**		**59428402.68**	65		**33714978.47**		**93143381.16** 12
	12% GST				**11177205.74**		**7131408.32**	31		**4045797.42**		**11177205.74** 73
	Misallineous And Rounding Off				**5516.22**		**6655981.00**	96				
	Grand Total				**104326103.11**		**66559810.00**			**37760775.89**		**104320586.89** 85
					Round off		6,65,59,000.00			3,77,60,000.00		10,43,19,000.00

1 **CERTIFICATE**

2 Certified that the work done is satisfactorily.
There is no departmental issues by BBMP

Contractor

ಸಹಾಯಕ Assistant Engineer
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Consultant

Karnataka Material Test House
Bangalore

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
Asst. Executive Engineer,
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-26

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